

# Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	September 1998 Character of Storm
New Mexico Southeast									
NMZ027>029			Guadalupe Mountains Of Eddy County - Eddy County Plains - Lea						
	01	0000MST			0	0			Drought
	30	2359MST							
	Drought conditions continued in Southwest Texas and Southeast New Mexico through September. Agricultural losses will be great but will not be included until the end of the harvest when totals are calculated. Most locations in southeast New Mexico received less than 1 inch of rain for the month.								
Lea County									
4 W Hobbs	09	1510MST			0	0			Hail (0.88)
Lea County									
4 W Hobbs	09	1510MST			0	0	1K		Thunderstorm Wind
	Downburst winds knocked down several trees at a Hobbs golf course and ripped up some netting at the driving range and produced nickel size hail.								
<u>TEXAS West</u>									
TXZ045>048-050>052-057>063-067>070-074>075-079>082			Gaines - Dawson - Borden - Scurry - Andrews - Martin - Howard - Van Horn/Guadalupe Mountains Area - Reeves County And Upper Trans Pecos - Loving - Winkler - Ector - Midland - Glasscock - Ward - Crane - Upton - Reagan - Davis Mountains - Pecos - Presidio Valley - Marta Plateau - Big Bend Area - Terrell						
	01	0000CST			0	0			Drought
	30	2359CST							
	Drought conditions continued in Southwest Texas and Southeast New Mexico. Agricultural losses will be great but will not be included until the end of the harvest when totals are calculated. Most stations reported less than an inch of rain for the month with several stations reporting no rain. The Midland International Airport received only 0.08" of rain for a to-date annual total of 3.13". The January to September period 1998 was the driest first nine months ever recorded (dating back to 1930).								
Midland County									
4 ENE Midland	09	2000CST			0	0	0.50K		Thunderstorm Wind
	A marginally severe thunderstorm caused a brief microburst that uprooted a carport. Several other vulnerable items on the same property were surprisingly unaffected.								
Gaines County									
1 E Seagraves	14	1928CST			0	0		2.5M	Hail (0.88)
	A mixture of hail and wind caused devastating damage to cotton crops in the area. Heavy damage was done to about 4000 acres of cotton while light damage was done to about 16,000 acres.								
Gaines County									
1 E Seagraves	14	1928CST			0	0	700K		Thunderstorm Wind
		1940CST							
	An isolated severe thunderstorm rapidly intensified as it moved to the south into Northern Gaines County just east of Seagraves. Doppler radar showed this storm to have VILs in excess of 50 kg/m2 for several volume scans as it entered the county. VILs and low-level reflectivity decreased significantly during and shortly after the time severe weather was reported. The MAF evening sounding suggested the potential for hybrid microbursts, with wind gusts over 75 knots possible.								
	A trailer house and barn one mile east of the city limits were demolished, and the roofs off three hangars at the municipal airport farther east of town were partly or totally removed. Other structures from eastern city limits to a couple miles east of the city limits incurred similar damage. The most costly damage was to the cotton crops, which were days away from being harvested. Winds estimated at or above 80 mph leveled these crops with pea-sized and smaller hail. A 17,000 pound tractor was also moved over 100 feet and 23 center-pivot irrigation systems were at least overturned.								
Gaines County									
17 SE Seagraves	14	2000CST			0	0	1K		Thunderstorm Wind
	After pounding the areas east of Seagraves, this storm caused additional structural damage to power poles a half hour later. Many people in Loop were consequently without power for several hours.								